

### Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

### Listing of Claims

1. (Cancelled)
2. (Previously presented) An isolated DNA comprising a nucleic acid sequence that encodes an amino acid sequence comprising SEQ ID NO:12.
3. (Previously presented) An isolated DNA comprising a nucleic acid sequence consisting of SEQ ID NO:13.
- 4.- 5. (Cancelled)
6. (Currently amended) An isolated nucleic acid ~~that encodes a fusion protein, the nucleic acid~~ comprising a nucleic acid sequence encoding a fusion protein, the fusion protein consisting of:
  - (a) ~~(i) a nucleotide sequence that encodes SEQ ID NO:12 or (ii) a segment of SEQ ID NO:13 that is at least fifteen nucleotides long, the segment encoding~~ an antigenic fragment of SEQ ID NO:12, wherein the antigenic fragment is at least five amino acids long; and
  - (b) a sequence encoding a heterologous polypeptide.
7. – 19. (Cancelled)
20. (Previously presented) A vector comprising the isolated DNA of claim 2.

21. (Previously presented) The vector of claim 20, wherein the nucleic acid sequence is operably linked to a regulatory element that allows expression of said nucleic acid sequence in a cell.

22. (Previously presented) An isolated cell comprising the vector of claim 21.

23. (Previously presented) A method of producing a polypeptide, the method comprising culturing the cell of claim 22 and purifying the polypeptide from the cell.

24. (Previously presented) A vector comprising the isolated nucleic acid of claim 6.

25. (Previously presented) The vector of claim 24, wherein the nucleic acid is operably linked to a regulatory element that allows expression of said nucleic acid in a cell.

26. (Previously presented) An isolated cell comprising the vector of claim 24.

27. (Previously presented) A method of producing a fusion protein, the method comprising culturing the cell of claim 26 and purifying the fusion protein from the cell.

28. – 37. (Cancelled)

38. (Previously presented) An isolated DNA comprising:

(a) a nucleic acid sequence that (i) encodes a polypeptide that enhances spreading of a macrophage or a monocyte and (ii) hybridizes to the complement of SEQ ID NO:13 under the following conditions: hybridization in 6 X SSC at 30°C, followed by one or more washes in 0.2 X SSC and 0.1% sodium dodecyl sulfate (SDS) at 50°C to 65°C, wherein the nucleic acid sequence consists of SEQ ID NO:1; or

(b) the complement of the nucleic acid sequence.

39. (Previously presented) An isolated DNA comprising:

(a) a nucleic acid sequence that (i) encodes a polypeptide that enhances spreading of a macrophage or a monocyte and (ii) hybridizes to the complement of SEQ ID NO:13 under the following conditions: hybridization in 6 X SSC at 30°C, followed by one or more washes in 0.2 X SSC and 0.1% sodium dodecyl sulfate (SDS) at 50°C to 65°C, wherein the nucleic acid sequence consists of SEQ ID NO:11; or

(b) the complement of the nucleic acid sequence.

40. (Previously presented) An isolated DNA comprising:

(a) a nucleic acid sequence that (i) encodes a polypeptide that enhances spreading of a macrophage or a monocyte and (ii) hybridizes to the complement of SEQ ID NO:13 under the following conditions: hybridization in 6 X SSC at 30°C, followed by one or more washes in 0.2 X SSC and 0.1% sodium dodecyl sulfate (SDS) at 50°C to 65°C, wherein the nucleic acid sequence consists of SEQ ID NO:19; or

(b) the complement of the nucleic acid sequence.

41. - 45. (Cancelled)

46. (Previously presented) The isolated nucleic acid of claim 6, wherein the heterologous polypeptide comprises a signal peptide, a reporter polypeptide, or an immunoglobulin constant region.

47. (Currently amended) An isolated DNA consisting of a ~~segment of SEQ ID NO:13~~ that is at least fifteen nucleotides long, wherein the segment encodes sequence encoding an antigenic fragment of SEQ ID NO:12, wherein the antigenic fragment is at least five amino acids long.

48. (Cancelled).

49. (Previously presented) An isolated DNA comprising a nucleic acid sequence that encodes a polypeptide consisting of the following segments in contiguous order, starting from the N-terminus of the amino acid sequence:

- (a) amino acids 1-30 of SEQ ID NO:12;
- (b) amino acids 31-104 of SEQ ID NO:12;
- (c) amino acids 105-1267 of SEQ ID NO:12; and
- (d) amino acids 1268-1429 of SEQ ID NO:12 or amino acids 1194-1999 of SEQ ID

NO:2,

wherein the polypeptide enhances spreading of a macrophage or a monocyte.

50. (Previously presented) The DNA of claim 49, wherein the polypeptide comprises amino acids 1194-1999 of SEQ ID NO:2.

51. (Previously presented) The DNA of claim 49, wherein the polypeptide comprises amino acids 1268-1429 of SEQ ID NO:12.

52. – 56. (Cancelled)

57. (Previously presented) A vector comprising the isolated DNA of claim 47.

58. (Previously presented) The vector of claim 57, wherein the nucleic acid sequence is operably linked to a regulatory element that allows expression of the nucleic acid sequence in a cell.

59. (Previously presented) An isolated cell comprising the vector of claim 58.

60. (Previously presented) A method of producing a polypeptide, the method comprising culturing the cell of claim 59 and purifying the polypeptide from the cell.

61. (Previously presented) A vector comprising the isolated DNA of claim 49.

62. (Previously presented) The vector of claim 61, wherein the nucleic acid sequence is operably linked to a regulatory element that allows expression of the nucleic acid sequence in a cell.

63. (Previously presented) An isolated cell comprising the vector of claim 62.

64. (Previously presented) A method of producing a polypeptide, the method comprising culturing the cell of claim 63 and purifying the polypeptide from the cell.

65. (Currently amended) The nucleic acid of claim 6, wherein [[the segment]] a nucleotide sequence encoding the antigenic fragment is at least 50 nucleotides long.

66. (Currently amended) The nucleic acid of claim [[6]] 65, wherein the [[segment]] nucleotide sequence is at least 100 nucleotides long.

67. (Currently amended) The nucleic acid of claim [[6]] 65, wherein the [[segment]] nucleotide sequence is at least 300 nucleotides long.

68. (Currently amended) The nucleic acid of claim [[6]] 65, wherein the [[segment]] nucleotide sequence is at least 800 nucleotides long.

69. (Currently amended) The nucleic acid of claim [[6]] 65, wherein the [[segment]] nucleotide sequence is at least 1,500 nucleotides long.

70. (Currently amended) The nucleic acid of claim [[6]] 65, wherein the [[segment]] nucleotide sequence is at least 3,000 nucleotides long.

71. (Currently amended) The nucleic acid of claim [[6]] 65, wherein the [[segment]] nucleotide sequence is at least 4,000 nucleotides long.

72. (Currently amended) The DNA of claim 47, wherein [[the segment]] a nucleotide sequence encoding the antigenic fragment is at least 50 nucleotides long.

73. (Currently amended) The DNA of claim [[47]] 72, wherein the [[segment]] nucleotide sequence is at least 100 nucleotides long.

74. (Currently amended) The DNA of claim [[47]] 72, wherein the [[segment]] nucleotide sequence is at least 300 nucleotides long.

75. (Currently amended) The DNA of claim [[47]] 72, wherein the [[segment]] nucleotide sequence is at least 800 nucleotides long.

76. (Currently amended) The DNA of claim [[47]] 72, wherein the [[segment]] nucleotide sequence is at least 1,500 nucleotides long.

77. (Currently amended) The DNA of claim [[47]] 72, wherein the [[segment]] nucleotide sequence is at least 3,000 nucleotides long.

78. (Currently amended) The DNA of claim [[47]] 72, wherein the [[segment]] nucleotide sequence is at least 4,000 nucleotides long.

79. (Currently amended) An isolated DNA comprising a nucleic acid sequence that encodes a polypeptide consisting of the following segments in contiguous order, starting from the N-terminus of the amino acid sequence:

(a) amino acids 1-30 of SEQ ID NO:12;

(b) amino acids 105-1267 of SEQ ID NO:12; and

(c) amino acids 1268-1429 of SEQ ID NO:12 or amino acids 1194-1999 of SEQ ID NO:2,

wherein the polypeptide enhances spreading of a macrophage or a monocyte.

80. (Previously presented) A vector comprising the isolated DNA of claim 79.

81. (Previously presented) The vector of claim 80, wherein the nucleic acid sequence is operably linked to a regulatory element that allows expression of the nucleic acid sequence in a cell.

82. (Previously presented) An isolated cell comprising the vector of claim 81.

83. (Previously presented) A method of producing a polypeptide, the method comprising culturing the cell of claim 82 and purifying the polypeptide from the cell.